

1. (Currently Amended) A method for enabling online consideration of effects of uncertainty and risk factors while negotiating one or more e-commerce transactions comprising:

maintaining one or more of the following online databases:

an updated online database of prices derivatives associated with goods or services involved in completing said transactions,

an online database of insurance derivatives associated with risks involved in completing said transactions,

an online database of counter party risk classification information associated with activities of said transactions,

an online database of market rules that govern said negotiations,

an online database of customized information related to risks at a given point of time for specified transactions;

maintaining an updated online database of currency exchange derivatives associated with each activity involved in completing said transactions;

determining costs associated with one or more risk elements by using data corresponding to parameters of said transactions in conjunction with requirements of applicable market rules and information from said online databases; and

modifying said data corresponding to said parameters of said transactions by using said information from said databases,

wherein, when applied to online auctions between a seller and multiple buyers, a winning bid for desired goods or services in an online auction is selected on a basis of highest risk-adjusted payout to said seller, said highest risk-adjusted payout to said seller is determined by incorporation of an effect of various said derivatives relevant for completion of said transaction related to each bid if said bid is to be selected, and said incorporation of said effect of various said derivatives is by deduction of said costs associated with said risk elements, and

wherein when applied to online reverse auctions between a buyer and multiple sellers, a winning offer for desired goods or service in an online reverse auction is selected on a basis of least risk adjusted cost to said buyer, said least risk-adjusted cost to said buyer is determined by incorporation of an effect of various said derivatives relevant for completion of said transaction related to each sell offer if said sell offer is to be selected, and said incorporation of said effect of various said derivatives is by addition of said costs associated with said risk elements.

2. (Previously Presented) The method as claimed in claim 1, all the limitations of which are incorporated herein by reference, further utilized for determining:

a set of said e-commerce transactions that should take place from amongst various possibilities given said effects of uncertainty and said risk factors and a set of said e-commerce transactions that should not take place from amongst various possibilities given said effects of uncertainty and said risk factors,

prices to be paid by buyers, amounts to be received by sellers and payments to be made to other service providers, in respective currencies, for said set of said transactions that should take place.

3. (Previously Presented) The method as claimed in claim 1, all the limitations of which are incorporated herein by reference, wherein said prices derivatives provide contractable rates of identical goods or services derived from primary goods or services being negotiated for one of purchase and sale at specified future dates.

4. (Previously Presented) The method as claimed in claim 1, all the limitations of which are incorporated herein by reference, wherein said currency exchange derivatives provide contractable rates of currency exchange at specified future dates.

5. (Previously Presented) The method as claimed in claim 1, all the limitations of which are incorporated herein by reference, wherein said modification may involve

converting amounts from original currencies to amounts in different currencies using said currency exchange derivatives.

6. (Previously Presented) The method as claimed in claim 1, all the limitations of which are incorporated herein by reference, wherein said counter party risk classification information includes an estimated uncertainty of an opposite party fulfilling its obligation.

7. (Previously Presented) The method as claimed in claim 1, all the limitations of which are incorporated herein by reference, wherein each of said databases are located at a seller end, located at a buyer end, or hosted by a third party.

8. (Previously Presented) The method as claimed in claim 1, all the limitations of which are incorporated herein by reference, wherein said method is implemented by an online intermediary providing said facilities as a service against a fee of commission.

9. (Previously Presented) The method as claimed in claim 1, all the limitations of which are incorporated herein by reference, applied to a transaction between a single buyer and single seller negotiating online.

10-11. (Cancelled).

12. (Previously Presented) The method as claimed in claim 7, all the limitations of which are incorporated herein by reference, applied to two-sided matching markets involving multiple buyers and sellers.

13-18. (Cancelled).

19. (Currently Amended) The method as claimed in claim 1 ~~13~~, all the limitations of which are incorporated herein by reference, wherein relevant derivatives of said selected bid are booked with said online derivative services for completion of said transaction.

20. (Currently Amended) The method as claimed in claim 1 ~~14~~, all the limitations of which are incorporated herein by reference, wherein relevant derivatives of said selected bid are booked with said online derivative services for completion of said transaction.

21. (Currently Amended) The method as claimed in claim 1 ~~10~~, all the limitations of which are incorporated herein by reference, wherein a minimum required qualifying bid amount is communicated to a potential bidder in response to request for information about a current status of said auctions.

22. (Currently Amended) The method as claimed in claim 1 ~~11~~, all the limitations of which are incorporated herein by reference, wherein a maximum allowable offer amount is communicated to a potential seller in response to request for the information about the current status of the reverse auctions.

23. (Previously Presented) The method as claimed in claim 12, all the limitations of which are incorporated herein by reference, wherein sell orders resident in said databases are shown to a potential buyer after online addition of said computed costs associated with said risk elements to a price quoted by one of said sellers for each of said sell orders in response to request for such information in a two-sided matching market and online incorporation of values of applicable derivatives.

24. (Previously Presented) The method as claimed in claim 12, all the limitations of which are incorporated herein by reference, wherein buy orders resident in said databases are shown to a potential seller after online deduction of said computed costs associated with said risk elements from a price quoted by one of said buyers for each of said sell

orders in response to request for such information in a two-sided matching market and online incorporation of values of applicable derivatives.

25. (Previously Presented) The method as claimed in claim 12, all the limitations of which are incorporated herein by reference, wherein resident sell orders are prioritized for matching an incoming buy order in increasing order of net cost computed by addition of said computed costs associated with said risk elements to a price quoted by one of said sellers for each of said sell orders in a two-sided matching market and online incorporation of values of applicable derivatives.

26. (Previously Presented) The method as claimed in claim 12, all the limitations of which are incorporated herein by reference, wherein resident buy orders are prioritized for matching an incoming sell order in decreasing order of net price computed by deduction of said computed costs associated with risk elements to a price quoted by one of said buyers for each of said buy orders in a two-sided matching market and online incorporation of values of applicable derivatives.

27. (Previously Presented) The method as claimed in claim 12, all the limitations of which are incorporated herein by reference, wherein relevant derivatives for said transactions are booked with said online derivative services for completion of said transactions.

28-54. (Cancelled).

55. (Currently Amended) A computer program product comprising computer readable program code stored on computer readable storage medium embodied therein for enabling online consideration of effects of uncertainty and risk factors while negotiating one or more e-commerce transactions comprising:

computer readable program code configured for maintaining one or more of the following online databases:

an updated online database of prices derivatives associated with goods or services involved in completing said transactions,

an updated online database of currency exchange derivatives associated with each activity involved in completing said transactions,

an online database of insurance derivatives associated with risks involved in completing said transactions,

an online database of counter party risk classification information associated with activities of said transactions,

an online database of market rules that govern said negotiations,

an online database of customized information related to risks at a given point of time for specified transactions;

computer readable program code configured for maintaining an updated online database of currency exchange derivatives associated with each activity involved in completing said transactions;

computer readable program code configured for determining costs associated with one or more risk elements by using data corresponding to parameters of said transactions in conjunction with requirements of applicable market rules and information from said online databases; and

computer readable program code configured for modifying said data corresponding to said parameters of said transactions by using said information from said databases,

wherein, when configured for an online auctions between a seller and multiple buyers, said computer program product further includes computer readable program code configured for selecting a winning bid for desired goods or services in an online auction that is selected on a basis of highest risk-adjusted payout to said seller, and computer readable program code configured for determining said highest risk-adjusted payout to

said seller that is determined by incorporation of an effect of various said derivatives relevant for completion of said transaction related to each bid if said bid is to be selected, wherein said incorporation of said effect of various said derivatives is through computer readable program code configured for deducting said costs associated with said risk elements, and

wherein, when configured for an online reverse auctions between a buyer and multiple sellers, said computer program product further includes computer readable program code configured for selecting a winning offer for desired goods or service in an online reverse auction that is selected on a basis of least risk adjusted cost to said buyer and computer readable program code configured for determining said least risk-adjusted cost to said buyer that is determined by incorporation of an effect of various said derivatives relevant for completion of said transaction related to each sell offer if said sell offer is to be selected, wherein said incorporation of said effect of various said derivatives is through computer readable program code configured for adding said costs associated with said risk elements.

56. (Previously Presented) The computer program product as claimed in claim 55, all the limitations of which are incorporated herein by reference, further configured for determining:

a set of said e-commerce transactions that should take place from amongst various possibilities given said effects of uncertainty and said risk factors and a set of said e-commerce transactions that should not take place from amongst various possibilities given said effects of uncertainty and said risk factors,

prices to be paid by buyers, amounts to be received by sellers and payments to be made to other service providers, in respective currencies, for said set of said transactions that should take place.

57. (Previously Presented) The computer program product as claimed in claim 55, all the limitations of which are incorporated herein by reference, wherein said prices

derivatives provide contractable rates of identical goods or services derived from primary goods or services being negotiated for one of purchase and sale at specified future dates.

58. (Previously Presented) The computer program product as claimed in claim 55, all the limitations of which are incorporated herein by reference, wherein said currency exchange derivatives provide contractable rates of currency exchange at specified future dates.

59. (Previously Presented) The computer program product as claimed in claim 55, all the limitations of which are incorporated herein by reference, wherein said modification may involve converting amounts from original currencies to amounts in different currencies using said currency exchange derivatives.

60. (Previously Presented) The computer program product as claimed in claim 55, all the limitations of which are incorporated herein by reference, wherein said counter party risk classification information includes an estimated uncertainty of an opposite party fulfilling its obligation.

61. (Previously Presented) The computer program product as claimed in claim 55, all the limitations of which are incorporated herein by reference, wherein each of said databases are located at a seller end, located at a buyer end, or hosted by a third party.

62. (Previously Presented) The computer program product as claimed in claim 55, all the limitations of which are incorporated herein by reference, wherein said computer program product is configured for an online intermediary providing said facilities as a service against a fee of commission.



63. (Previously Presented) The computer program product as claimed in claim 55, all the limitations of which are incorporated herein by reference, configured for a transaction between a single buyer and single seller negotiating online.

64-65. (Cancelled).

66. (Previously Presented) The computer program product as claimed in claim 61, all the limitations of which are incorporated herein by reference, configured for a two-sided matching markets involving multiple buyers and sellers.

67-72. (Cancelled).

73. (Currently Amended) The computer program product as claimed in claim 55 ~~67~~, all the limitations of which are incorporated herein by reference, including computer readable program code configured for booking relevant derivatives of said selected bid with said online derivative services for completion of said transaction.

74. (Currently Amended) The computer program product as claimed in claim 55 ~~68~~, all the limitations of which are incorporated herein by reference, including computer readable program code configured for booking relevant derivatives of said selected bid with said online derivative services for completion of said transaction.

75. (Currently Amended) The computer program product as claimed in claim 55 ~~64~~, all the limitations of which are incorporated herein by reference, including computer readable program code configured for communicating a minimum required qualifying bid amount to a potential bidder in response to request for information about a current status of said auctions.

76. (Currently Amended) The computer program product as claimed in claim ~~55~~ 65, all the limitations of which are incorporated herein by reference, including computer readable program code configured for communicating a maximum allowable offer amount to a potential seller in response to request for the information about the current status of the reverse auctions.

77. (Previously Presented) The computer program product as claimed in claim 66, all the limitations of which are incorporated herein by reference, including computer readable program code configured for showing sell orders resident in said databases are shown to a potential buyer after online addition of said computed costs associated with said risk elements to a price quoted by one of said sellers for each of said sell orders in response to request for such information in a two-sided matching market and online incorporation of values of applicable derivatives.

78. (Previously Presented) The computer program product as claimed in claim 66, all the limitations of which are incorporated herein by reference, including computer readable program code configured for showing buy orders resident in said databases are shown to a potential seller after online deduction of said computed costs associated with said risk elements from a price quoted by one of said buyers for each of said sell orders in response to request for such information in a two-sided matching market and online incorporation of values of applicable derivatives.

79. (Previously Presented) The system as claimed in claim 66, all the limitations of which are incorporated herein by reference, including computer readable program code configured for prioritizing resident sell orders are prioritized for matching an incoming buy order in increasing order of net cost computed by addition of said computed costs associated with said risk elements to a price quoted by one of said sellers for each of said sell orders in a two-sided matching market and online incorporation of values of applicable derivatives.

80. (Previously Presented) The computer program product as claimed in claim 66, all the limitations of which are incorporated herein by reference, including computer readable program code configured for prioritizing resident buy orders are prioritized for matching an incoming sell order in decreasing order of net price computed by deduction of said computed costs associated with risk elements to a price quoted by one of said buyers for each of said buy orders in a two-sided matching market and online incorporation of values of applicable derivatives.

81. (Previously Presented) The computer program product as claimed in claim 66, all the limitations of which are incorporated herein by reference, including computer readable program code configured for booking relevant derivatives for said transactions with said online derivative services for completion of said transactions.

82. (Currently Amended) A method for enabling online consideration of effects of uncertainty and risk factors while negotiating one or more e-commerce transactions comprising:

- maintaining one or more of the following online databases:

- an updated online database of prices derivatives associated with goods or services involved in completing said transactions,

- an online database of insurance derivatives associated with risks involved in completing said transactions,

- an online database of counter party risk classification information associated with activities of said transactions,

- an online database of market rules that govern said negotiations,

- an online database of customized information related to risks at a given point of time for specified transactions;

- maintaining an updated online database of currency exchange derivatives associated with each activity involved in completing said transactions, wherein said

currency exchange derivatives provide contractable rates of currency exchange at specified future dates;

determining costs associated with one or more risk elements by using data corresponding to parameters of said transactions in conjunction with requirements of applicable market rules and information from said online databases; and

modifying said data corresponding to said parameters of said transactions by using said information from said databases,

wherein, when applied to online auctions between a seller and multiple buyers, a winning bid for desired goods or services in an online auction is selected on a basis of highest risk-adjusted payout to said seller, said highest risk-adjusted payout to said seller is determined by incorporation of an effect of various said derivatives relevant for completion of said transaction related to each bid if said bid is to be selected, and said incorporation of said effect of various said derivatives is by deduction of said costs associated with said risk elements, and

wherein, when applied to online reverse auctions between a buyer and multiple sellers, a winning offer for desired goods or service in an online reverse auction is selected on a basis of least risk adjusted cost to said buyer, said least risk-adjusted cost to said buyer is determined by incorporation of an effect of various said derivatives relevant for completion of said transaction related to each sell offer if said sell offer is to be selected, and said incorporation of said effect of various said derivatives is by addition of said costs associated with said risk elements.

83. (Previously Presented) The method as claimed in claim 82, all the limitations of which are incorporated herein by reference, further utilized for determining:

a set of said e-commerce transactions that should take place from amongst various possibilities given said effects of uncertainty and said risk factors and a set of said e-commerce transactions that should not take place from amongst various possibilities given said effects of uncertainty and said risk factors,

prices to be paid by buyers, amounts to be received by sellers and payments to be made to other service providers, in respective currencies, for said set of said transactions that should take place.

84. (Previously Presented) The method as claimed in claim 82, all the limitations of which are incorporated herein by reference, wherein said prices derivatives provide contractable rates of identical goods or services derived from primary goods or services being negotiated for one of purchase and sale at specified future dates.

85. (Previously Presented) The method as claimed in claim 82, all the limitations of which are incorporated herein by reference, wherein said modification may involve converting amounts from original currencies to amounts in different currencies using said currency exchange derivatives.

86. (Previously Presented) The method as claimed in claim 82, all the limitations of which are incorporated herein by reference, wherein said counter party risk classification information includes an estimated uncertainty of an opposite party fulfilling its obligation.

87. (Previously Presented) The method as claimed in claim 82, all the limitations of which are incorporated herein by reference, wherein each of said databases are located at a seller end, located at a buyer end, or hosted by a third party.

88. (Previously Presented) The method as claimed in claim 82, all the limitations of which are incorporated herein by reference, wherein said method is implemented by an online intermediary providing said facilities as a service against a fee of commission.

89. (Previously Presented) The method as claimed in claim 82, all the limitations of which are incorporated herein by reference, applied to a transaction between a single buyer and single seller negotiating online.

90-91. (Cancelled).

92. (Previously Presented) The method as claimed in claim 87, all the limitations of which are incorporated herein by reference, applied to two-sided matching markets involving multiple buyers and sellers.

93-98. (Cancelled).

99. (Currently Amended) The method as claimed in claim 82 ~~93~~, all the limitations of which are incorporated herein by reference, wherein relevant derivatives of said selected bid are booked with said online derivative services for completion of said transaction.

100. (Currently Amended) The method as claimed in claim 82 ~~94~~, all the limitations of which are incorporated herein by reference, wherein relevant derivatives of said selected bid are booked with said online derivative services for completion of said transaction.

101. (Currently Amended) The method as claimed in claim 82 ~~90~~, all the limitations of which are incorporated herein by reference, wherein a minimum required qualifying bid amount is communicated to a potential bidder in response to request for information about a current status of said auctions.

102. (Currently Amended) The method as claimed in claim ~~82~~ 91, all the limitations of which are incorporated herein by reference, wherein a maximum allowable offer amount is communicated to a potential seller in response to request for the information about the current status of the reverse auctions.

103. (Previously Presented) The method as claimed in claim 92, all the limitations of which are incorporated herein by reference, wherein sell orders resident in said databases are shown to a potential buyer after online addition of said computed costs associated with said risk elements to a price quoted by one of said sellers for each of said sell orders in response to request for such information in a two-sided matching market and online incorporation of values of applicable derivatives.

104. (Previously Presented) The method as claimed in claim 92, all the limitations of which are incorporated herein by reference, wherein buy orders resident in said databases are shown to a potential seller after online deduction of said computed costs associated with said risk elements from a price quoted by one of said buyers for each of said sell orders in response to request for such information in a two-sided matching market and online incorporation of values of applicable derivatives.

105. (Previously Presented) The method as claimed in claim 92, all the limitations of which are incorporated herein by reference, wherein resident sell orders are prioritized for matching an incoming buy order in increasing order of net cost computed by addition of said computed costs associated with said risk elements to a price quoted by one of said sellers for each of said sell orders in a two-sided matching market and online incorporation of values of applicable derivatives.

106. (Previously Presented) The method as claimed in claim 92, all the limitations of which are incorporated herein by reference, wherein resident buy orders are prioritized

for matching an incoming sell order in decreasing order of net price computed by deduction of said computed costs associated with risk elements to a price quoted by one of said buyers for each of said buy orders in a two-sided matching market and online incorporation of values of applicable derivatives.

107. (Previously Presented) The method as claimed in claim 92, all the limitations of which are incorporated herein by reference, wherein relevant derivatives for said transactions are booked with said online derivative services for completion of said transactions.